USER MANUAL

Auto Clipping Tool

Version 6.56 - September 2014

IP.Director

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Regional Contacts

The address and phone number of the EVS headquarters are usually mentioned in the Help > About menu in the user interface.

You will find the full list of addresses and phone numbers of local offices either at the end of this user manual (for manuals on hardware products) or at the following page on the EVS website: http://www.evs.com/contacts.

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What's New?

In the user manual, the icon NEW ! has been added on the left margin to highlight information on new and updated features.

No section has been updated in the Auto Clipping Tool manual of IPDirector 6.56 (compared to version 6.55).

1. Introduction

Product Description

The Auto Clipping tool is used to transfer logsheets and logs from an external logging or statistical system (e.g. Opta) into IPDirector. It manages the creation of logs received from the external system, the translation of some keywords associated to the logs, and, if requested, the creation of clips around the logs timecode in IPDirector.

The Auto Clipping tool is a software option, which requires the license key 16 being imported to XSecure. For more information on the required license key, contact the Support or Sales team.

General Workflow

The external logging system sends XML files, containing the logsheet and logs for a specific event, to a folder set as watch folder IN for the Auto Clipping tool.

The rules established for the translation of keywords and the automatic creation of clips are defined in an Excel file. Based on this file, the Auto Clipping tool translates the keywords associated to logs, and, if set in the Excel file, requests the creation of clips around the log timecode from the selected relevant recorder channel of an EVS video server. The Auto Clipping tool sends this information in the form of an XML file to a folder set as watch folder OUT.

IP Scheduler receives the XML file. The logs and clips created are sent into the IPDirector selected destination bin.

2. Installation

2.1. Prerequisites

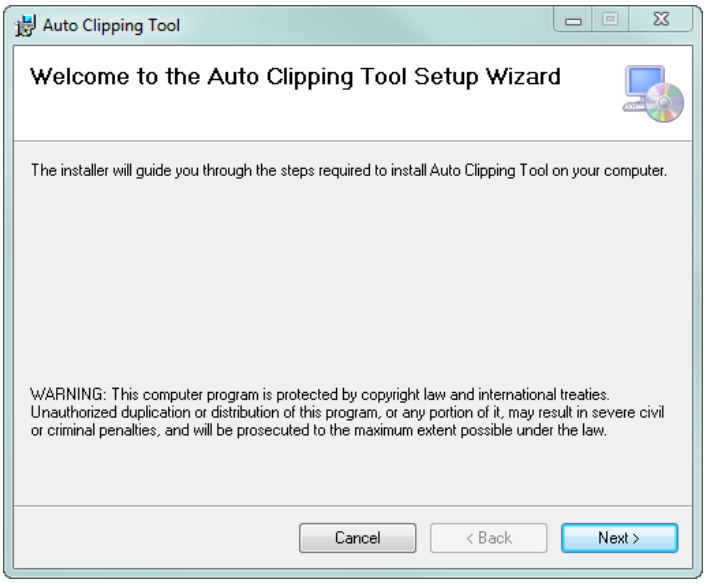
- The Auto Clipping tool must be installed on an IPDirector machine (XSecure needed).
- Microsoft .NET Framework 4 must be installed.
- An API is running.
- A configured IP Scheduler service is running.
- The Auto Clipping tool is linked to the XSecure license key 16.

2.2. Installation Procedure

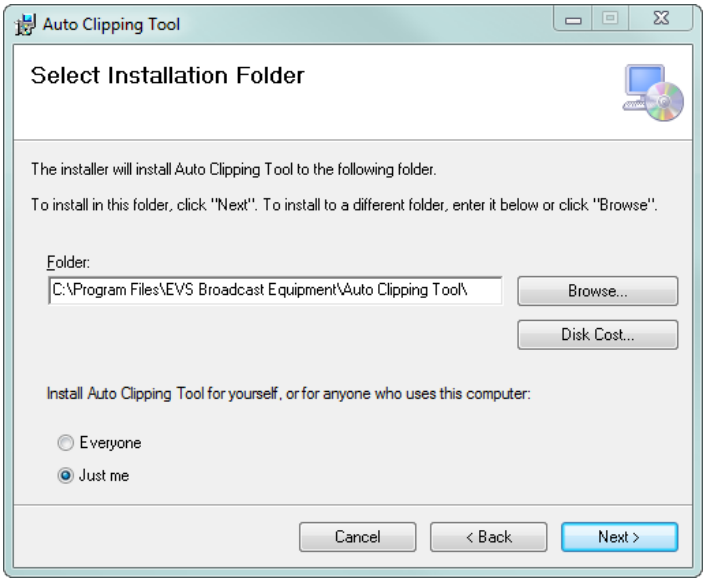
To install the Auto Clipping tool, proceed as follows:

1. Copy the installation package on the machine.
2. Double-click the InstallAutoClippingTool.msi file

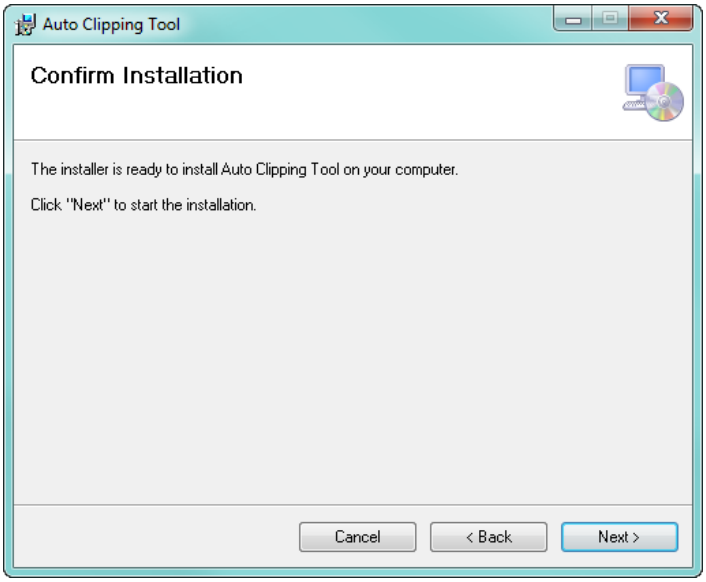
   The Auto Clipping Tool Setup Wizard opens.
3. In the 1st window, click **Next**:


Auto Clipping Tool
Welcome to the Auto Clipping Tool Setup Wizard
The installer will guide you through the steps required to install Auto Clipping Tool on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel
< Back
Next >

4. In the 2nd window, browse to the folder where you want to install the Auto Clipping tool and click **Next**:

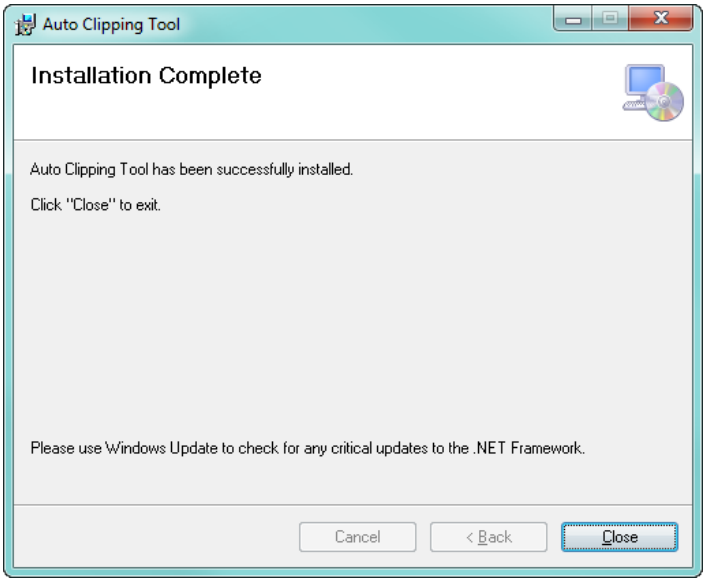

Auto Clipping Tool
Select Installation Folder
The installer will install Auto Clipping Tool to the following folder.
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Folder:
C:\Program Files\EVS Broadcast Equipment\Auto Clipping Tool\
Browse...
Disk Cost...
Install Auto Clipping Tool for yourself, or for anyone who uses this computer:
Everyone
Just me
Cancel
< Back
Next >

5. In the 3rd window, click **Next**:


Auto Clipping Tool
Confirm Installation
The installer is ready to install Auto Clipping Tool on your computer.
Click "Next" to start the installation.
Cancel
< Back
Next >

The Auto Clipping tool is being installed.

6. In the next window, click **Close**:


Auto Clipping Tool
Installation Complete
Auto Clipping Tool has been successfully installed.
Click "Close" to exit.
Please use Windows Update to check for any critical updates to the .NET Framework.
Cancel
< Back
Close

A shortcut has been put on the desktop:

3. Getting Started

3.1. Starting the Auto Clipping Tool

To start the Auto Clipping tool, double-click the **ACT** shortcut on the desktop:

An icon is added to the task bar.

The first time, some error messages are displayed and the taskbar icon is red because some configuration is needed. See section "Configuring the Auto Clipping Tool" on page 5.

Once the Auto Clipping tool has been configured, the taskbar icon is green .

To exit the Auto Clipping tool, right-click the **ACT** icon on the task bar and select **Quit AutoClipping Tool**.

3.2. Configuring the Auto Clipping Tool

Purpose

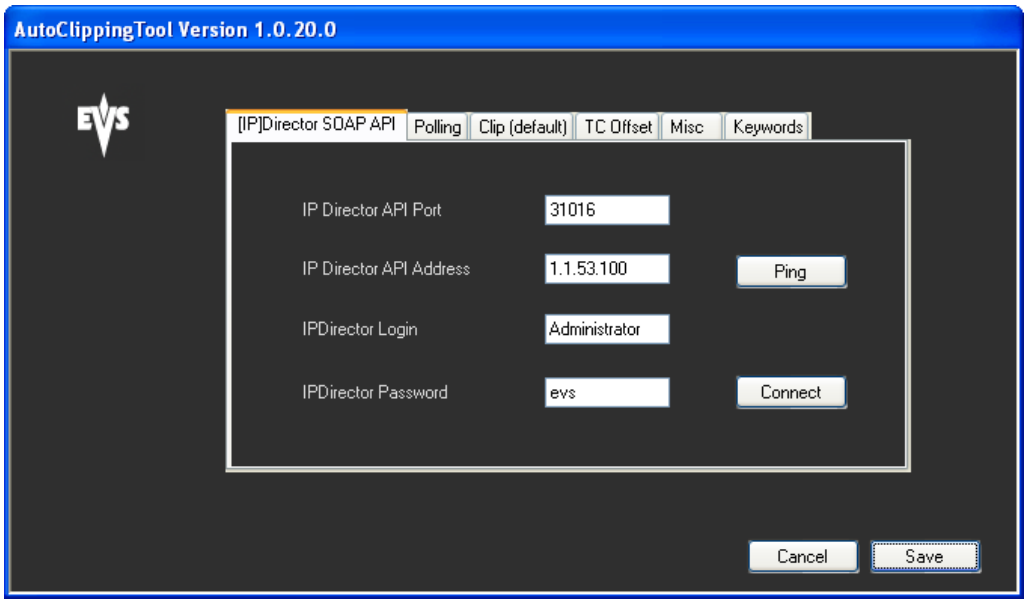
To be able to use the Auto Clipping tool, some configuration is required.

This is done from the window which is accessed by right-clicking the **ACT** icon on the task bar and by selecting **Settings** from the menu.

The window is made of five tabs. The first two tabs are used for the Auto Clipping tool configuration (mandatory). The other tabs are used to define settings (optional).

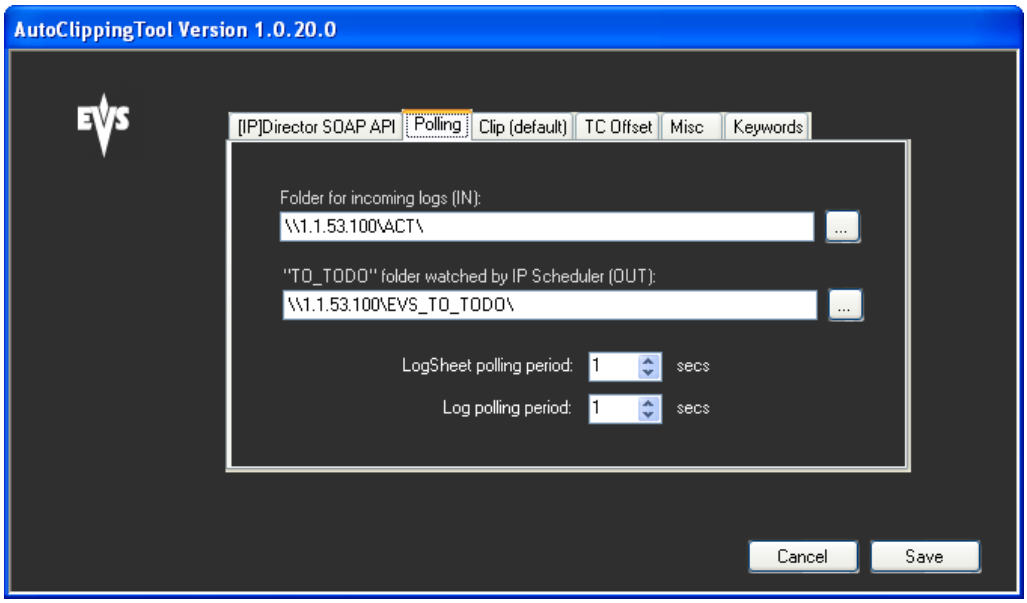
Configuration Parameters

IPDirector SOAP API Tab



- Enter the IP address of the machine with IPDirector API.
- The other parameters do not need any update.
- Check the access to the IP address by clicking the **Ping** button. If the address is valid, the button turns green.
- Check the connection to the API by clicking the **Connect** button. If the connection is established, the button turns green.

Polling Tab



Parameter	Description
Folder for incoming logs (IN)	Folder where the external statistical system drops the XML files with logsheet and logs information. In case of modification of this setting, you need to restart the application.
"TO_TODO" folder watched by Scheduler (OUT)	Folder where the Auto Clipping tool drops the XML file to be used by IP Scheduler. In case of modification of this setting, you need to restart the application.
Logheet polling period	Period of time (in seconds) elapsed before the system looks for new logsheets.
Log polling period	Period of time (in seconds) elapsed before the system looks for logs.

How to Configure the Auto Clipping Tool

To configure the Auto Clipping tool, proceed as follows:

1. Complete the fields of the IPDirector SOAP API tab and the Polling tab.
2. Click **Save**.
3. Exit the Auto Clipping tool by right-clicking the **ACT** icon on the task bar and selecting **Quit AutoClipping Tool**.
4. Restart the application by double-clicking the **ACT** shortcut on the desktop.

3.3. Translation File

Introduction

The rules established for the translation of log keywords and the automatic creation of clips are defined in an Excel file. Several Excel files can be created and used with the Auto Clipping tool. You can use, for example, one Excel file per event type.

During the Auto Clipping tool installation, an example of translation file is copied in a dedicated folder: `C:\Program Files\EVS Broadcast Equipment\Auto Clipping Tool\Excel\Default1`. It will be automatically regenerated in case it is deleted.

For each event type, users can create a related translation file and save it in this folder as XML Spreadsheet 2003.

Translation File Content

The translation file contains 6 columns that must be kept.

Here is an example of translation file:

Keyword	Translation	Create Clips	Pre	Post	Comments
Goal	But	Yes	10		Pre and Post values are in seconds
Fault	Faute	No			
Corner	Corner	Yes	10	15	
Start	Début	No			

Keyword: keyword as it is found in the XML file from the external logging system.

Translation: translated keyword, as you want it to appear in IPDirector. If a keyword does not need any translation, it must be copied out in the Translation column.

Create Clips: possible values are **Yes** (to create a clip around the log TC) or **No**.

Pre (optional): duration between the clip IN point and the log timecode (Pre Mark).

Post (optional): duration between the log timecode and the clip OUT point (Post Mark).

Comments (optional): user-defined comment.

Values are not case sensitive.

Rules

When a log is received by the Auto Clipping tool, the system checks the presence of associated keywords. Several cases can occur. They are described hereafter.

- No keyword is associated to the log or the keyword is missing in the translation file:

  the log is created in IPDirector through IP Scheduler.
- A keyword associated to the log is found in the Translation file:

  The keyword is translated according to the Excel file.
- Then, for each keyword found, the system checks whether a clip must be created. If it is set to Yes, it checks whether Pre and Post values are defined.
  - if Pre and Post values are defined, they will be used to create the clip for the log associated with the related keyword.
  - if only a Pre value is defined, the Post value used will be the same as the Pre value.
  - if no Pre and Post values are defined in the translation file, the values used for the creation of the clip will be taken from the main Auto Clipping toolwindow. See section "Defining the Logsheet Parameters" on page 10.
  - if several keywords are associated to a log and require the creation of a clip, Pre and Post values taken into account are the ones given for the first keyword found with "Create Clip = Yes".

Note
The Pre and Post values may be set once for all the events (see section "Settings" on page 14) or at the logsheet level (see section "Defining the Logsheet Parameters" on page 10).
The translation file prevails over the logsheet parameters and the logsheet parameters prevail over the Settings.

4. Operations

4.1. ACT Contextual Menu

A contextal menu is available when right-clicking the **ACT** icon on the task bar. It provides the following options:

Settings
Gives access to the mandatory configuration options and to the optional settings options.
See sections "Configuring the Auto Clipping Tool" on page 5 and "Settings" on page 14.

Show/Hide Interface
Displays, or hides, the main Auto Clipping tool window.
See section "Defining the Logsheet Parameters" on page 10.

Show/Hide Status
Displays, or hides, the Status window giving the status for each log managed by the Auto Clipping tool.
See section "Monitoring the Status" on page 13.

Refresh Relevant Recorders
Refreshes the list of relevant recorders available from the main Auto Clipping tool window.

Release Notes
Opens a text file giving some additional explanation about messages, icon colors, file storage locations,...

Top Most
Brings the ACT windows to front when other windows are displayed.

Zip Application Logs on Desktop
Creates a .zip file with all the logs in text format and stores the files on the desktop.

About
Opens the About window with the current version of the Auto Clipping tool.

Quit Auto Clipping Tool
Closes all the windows and exits the Auto Clipping tool.

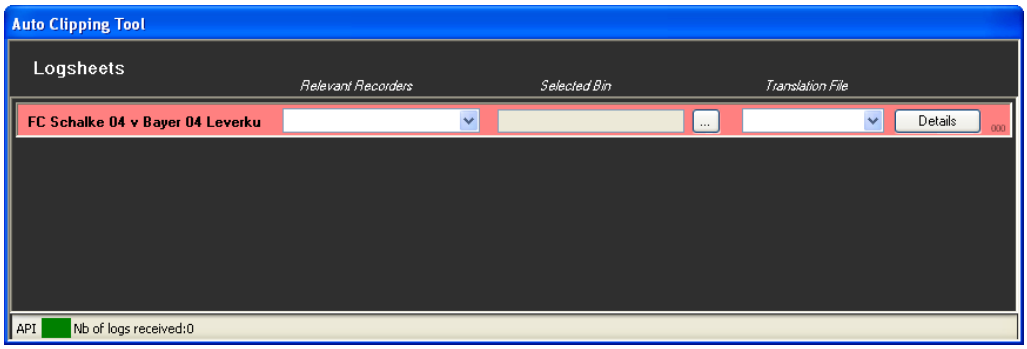
4.2. Defining the Logsheet Parameters

Purpose

Some parameters must be associated to the logsheets received from the external system to ensure that logs and clips will be correctly created on the appropriate media, sent to the required bin, and that their associated keywords will be translated.

This is done from the main Auto Clipping tool window which is accessed by right-clicking the **ACT** icon on the task bar and by selecting **Show Interface** from the menu.

As soon as a logsheet is dropped from the external system into the watch folder IN , a line is displayed in the main Auto Clipping tool window. Its background is red as the parameters still need to be defined.

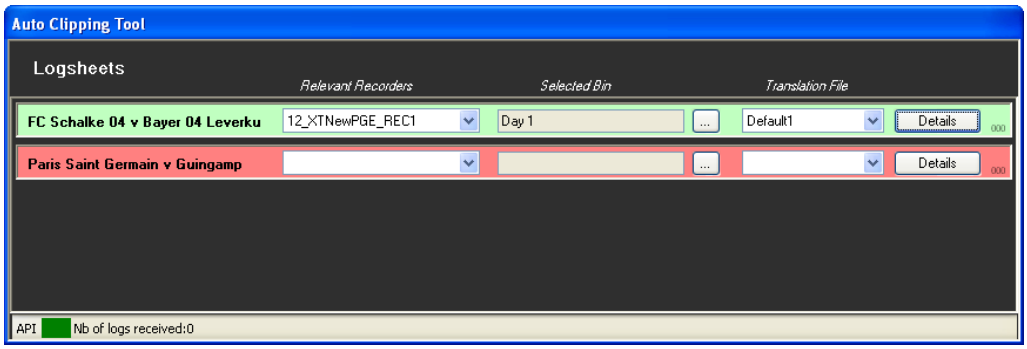


Logsheet Parameters

How to Define the Logsheet Parameters

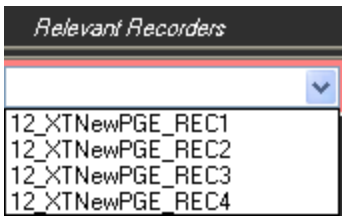
To define the logsheet parameters, complete the first three fields of the logsheet line: relevant recorder, selected bin and translation file.

As soon as the these fields are completed, the background of the logsheet line becomes green:



Relevant Recorders

Select the recorder channel of the EVS server corresponding to the feed from which you want to create clips:



Selected Bin

Select the default bin where you want to send the logs and clips in IPDirector.

If a default bin has been defined in the Settings, it is automatically displayed in the **Selected Bin** field but another bin can be selected for the current logsheet.

To do so, proceed as follows:

1. Click the **Browse** button.

   The following window opens:

2. Select the bin.
3. Click **Save**.

Translation File

Select the Excel file containing the rules for keywords translation and for clip creation for the event related to the logsheet. Usually, there is one Excel file per event type.

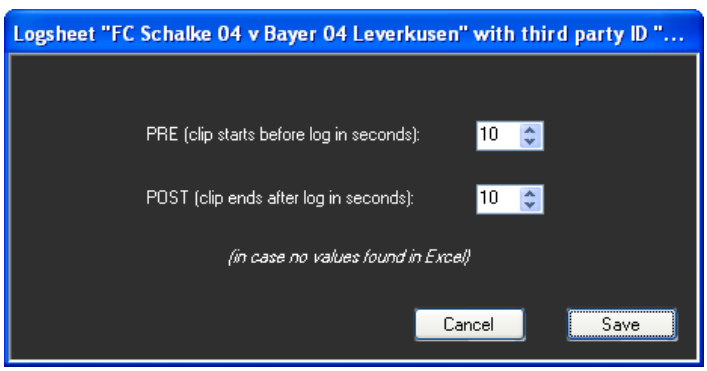
If a default Excel file has been defined in the Settings, it is automatically displayed in the **Translation File** field but another file can be selected for the current logsheet.

Clip Duration

A clip will be created around a log timecode when this is required by the Translation Excel file.

The duration between the clip IN point and the log timecode (Pre Mark) and the duration between the log timecode and the clip OUT point (Post Mark) can be set for the current logsheet.

Click the **Details** button to access the following window:


Logsheet "FC Schalke 04 v Bayer 04 Leverkusen" with third party ID "...
PRE (clip starts before log in seconds):
10
POST (clip ends after log in seconds):
10
(in case no values found in Excel)
Cancel
Save

Default values for the Pre Mark and Post Mark are 10 sec.

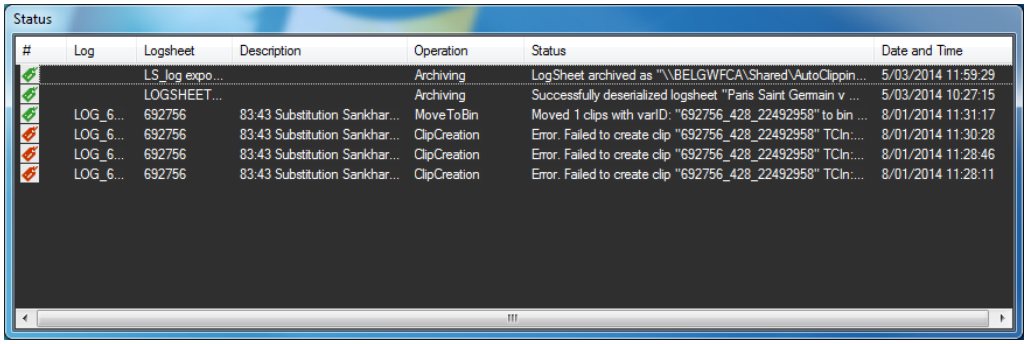
Note
The Pre and Post values may be set once for all the events (see section "Settings" on page 14) or at the log level in the translation file (see section "Translation File" on page 7).
The translation file prevails over the logsheet parameters and the logsheet parameters prevail over the Settings.

4.3. Monitoring the Status

Overview of the Window

The status of all the operations performed by the Auto Clipping tool can be monitored from the Status window.

It is accessed by right-clicking the **ACT** icon on the task bar and by selecting **Show Status** from the menu.


Status
Log Logsheet Description Operation Status Date and Time
LS_log expo... Archiving LogSheet archived as "\\BELGWFCA\Shared\AutoClippin... 5/03/2014 11:59:29
LOGSHEET... Archiving Successfully deserialized logsheet "Paris Saint Germain v ... 5/03/2014 10:27:15
LOG_6... 692756 83:43 Substitution Sankhar... MoveToBin Moved 1 clips with varID: "692756_428_22492958" to bin ... 8/01/2014 11:31:17
LOG_6... 692756 83:43 Substitution Sankhar... ClipCreation Error. Failed to create clip "692756_428_22492958" TCIn:... 8/01/2014 11:30:28
LOG_6... 692756 83:43 Substitution Sankhar... ClipCreation Error. Failed to create clip "692756_428_22492958" TCIn:... 8/01/2014 11:28:46
LOG_6... 692756 83:43 Substitution Sankhar... ClipCreation Error. Failed to create clip "692756_428_22492958" TCIn:... 8/01/2014 11:28:11

A red **ACT** icon in the # column draws attention on an erroneous operation.

The **ACT** icon is green for successful operations.

Possible Operations

A contextual menu is available when right-clicking the list in the Status window. It provides the following options:

Clear List
Removes all the messages from the list.

Only Show Errors
This option is available when no filter is applied to the list.
Filters the list of messages and only displays the ones with an Error status.

Show All
This option is available when a filter is applied to the list.
Removes the filter applied and displays all the messages.

Hide Interface
Closes the Status window.

5. Settings

Introduction

Different types of settings can optionally be defined for the Auto Clipping tool.

This is done from the window which is accessed by right-clicking the **ACT** icon on the task bar and by selecting **Settings** from the menu.

The window is made of five tabs. The first two tabs are used for the Auto Clipping tool configuration (mandatory). The other tabs are used to define settings (optional).

Clip (default) Tab

PRE

Sets the duration, used when a clip is created around a log, between the clip IN point and the log timecode (Pre Mark).

Default value is 10 sec.

Note
The Pre and Post values may be set at the logsheet level (see section "Defining the Logsheet Parameters" on page 10) or at the log level in the translation file (see section "Translation File" on page 7).
The translation file prevails over the logsheet parameters and the logsheet parameters prevail over the Settings.

POST

Sets the duration, used when a clip is created around a log, between the log timecode and the clip OUT point (Post Mark).

Default value is 10 sec.

Default Bin

Sets the default destination bin that will automatically be associated to the logsheets in the main window.

Click the **Default Bin** button to select the default bin where you want to send the logs and clips in IPDirector.

Default Excel File

Sets the default Excel file containing the rules for keywords translation and for clip creation that will automatically be associated to the logsheets in the main window.

TC Offset Tab

General Clip Offset

Allows to enter an offset value in case timecode values differ between the external system creating the logs and the EVS server used to create the clips. This ensures the match between the timecode values of the clips and the logs.

Set a positive offset value when the log timecode is smaller than the server timecode.

Set a negative offset value when the log timecode is greater than the server timecode.

Clicking the **+** button changes the plus sign to a minus sign.

Video Standard

Defines the video standard used by the system: PAL or NTSC.

Clip Date

Sets the creation date that will be associated to the created clips.

Possible values are: log date or today date.

Misc Tab

Display Release Notes

Opens a text file giving some additional explanation about messages, icon colors, file storage locations,...

Interface is top most

Displays the ACT windows on top of other windows.

Show Interface at Startup

Automatically opens the main window when the Auto Clipping tool starts.

Warm me if level is missing in logs

Displays a warning message when no rating or interest level is assigned to a log.

Show Status at startup

Automatically opens the Status window when the Auto Clipping tool starts.

Wait x seconds before starting process

Ensures that the Auto Clipping tool processes do not start before x seconds when the machine is started. So, the system has got time enough to make the shared folders used

as watch folders available for use.

Status criticality

Defines the way messages will be displayed in the Status window. Two options are available:

- **Verbose**: one line is displayed per status. So, if the log processing gets through several status, as many lines as log status will be displayed.
- **Incremental**: a single line is displayed for all the successive log status. So, if the log processing gets through several status, the status message on a line is replaced by the next status message.

Keywords Tab

Max length

Maximum number of characters allowed for a keyword.

Possible options are: Sixty four, twenty.

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